Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A communication system having a first device and a second device for communicating with the first device through a wireless link, comprising:

the first device including;

~~means for setting~~ a section which sets a range in which a message transmitted from the first device reaches, wherein the message is for searching the second device to be communicated with the first device, and

~~means for causing~~ a section which causes the first device to transmit a message in accordance with the set range by said setting ~~means~~ section,

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the second device including;

~~means for receiving~~ a section which sets the message, and

~~means for responding~~ a section which responds to the message from the first device so as to set the wireless link.

2. (currently amended) A system according to claim 1, wherein the range which is set by said setting ~~means~~ section and in which the message reaches is a distance from the first device.

3. (currently amended) A system according to claim 1, wherein the range which is set by said setting ~~means~~ section and in which the message reaches is a directivity of the message transmitted from the first device.

4. (currently amended) A communication method for setting a wireless link between a first device and a second device, comprising ~~the steps of~~:

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setting a range in which a message transmitted from the first device reaches in the first device, wherein the message is for searching the second device to be communicated with the first device;

causing the first device to transmit a message in accordance with the set range;

receiving the message from the first device and outputting a response with respect to the received message from the second device; and

setting the wireless link between the first device and second device based on the response.

5. (currently amended) A method according to claim 4, wherein the range which is set by said setting ~~means~~ step and in which the message reaches is a distance from the first device.

6. (currently amended) A method according to claim 4, wherein the range which is set by said setting ~~means~~ step and in which the message reaches is a directivity of the message transmitted from the first device.

7. (currently amended) A communication apparatus comprising:

~~means for setting~~ a section which sets a range in which a message reaches, wherein the message is for searching an another device to be communicated with self-apparatus through a wireless link; and

~~means for transmitting~~ a section which transmits the message in accordance with the set range by said setting ~~means~~ section.

8. (currently amended) An apparatus according to claim 7, wherein said setting ~~means~~ section inputs a distance from the self-apparatus as a range in which the message reaches, and

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said message transmission ~~means~~ section transmits a message with a transmission power value corresponding to the distance input by said setting ~~means~~ section.

9. (currently amended) An apparatus according to claim 7, wherein said setting ~~means~~ section inputs a direction from the self-apparatus as a range in which the message reaches, and

said message transmission ~~means~~ section includes ~~means~~ a section for changing a direction in which the message is transmitted, and controls said changing ~~means~~ section in accordance with the direction set by said setting ~~means~~ section so as to transmit the message.

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10. (currently amended) An apparatus according to claim 7, wherein said setting ~~means~~ section comprises ~~means~~ a section for inputting a time during which transmission of the message continues, and

said message transmission ~~means~~ section transmits the message only for the time input by said setting ~~means~~ section.

11. (currently amended) An apparatus according to claim 7, further comprising:

~~means~~ a section for sequentially displaying information acquired by the response message from the another apparatus every time the response message is received; and

~~means~~ a section for terminating transmission of the message when an instruction to interrupt the transmission of the message is input in accordance with the information displayed by said display ~~means~~ section.

12. (original) A communication system having a first device and a second device for communicating with the first device through a wireless link, comprising:

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a first device which transmits a message for searching for the second device by radio communication, wherein the first device comprises:

a main body which sets a range in which the message transmitted from the first device reaches and which outputs first control information in accordance with the set range;

a controller, connected to the main body via a data interface section, which receives the first control information from the main body and which outputs second control information based on the received first control information;

a transmission amplifier, connected to the controller, which amplifies the message based on the second control information and which transmits the amplified message to an antenna so as to transmit the message in accordance with the range set by the main body; and

an antenna control section, connected to the controller and the antenna, which controls an antenna directivity of the antenna based on the second control information output from the controller so as to transmit the message in accordance with the range set by the main body.

13. (original) A communication system according to claim 12,

wherein the range set by the main body indicates a distance from the first device.

14. (original) A communication system according to claim 12,

wherein the range set by the main body indicates a directivity of the message transmitted from the first device.

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15. (original) A communication system according to claim 12,

wherein the controller has a table which stores the first control information output from the main body and the controller outputs the first control information to one of the transmission amplifier and antenna control section.

16. (original) A communication method for setting a wireless link between a first device and a second device, comprising the steps of:

setting a range in which a message transmitted from the first device reaches in a main body of the first device and outputting first control information in accordance with the set range from the main body, wherein the message is for searching for the second device;

receiving the first control information from the main body in a controller connected to the main body via a data interface, and outputting second control information based on the received first control information from the controller; and

controlling one of a transmission amplifier, connected to the controller, which amplifies the message based on the second control information and which transmits the amplified message to an antenna and an antenna control section, connected to the controller and the antenna, which controls an antenna directivity of the antenna based on the second control information output from the controller.

17. (original) A communication apparatus comprising:

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a main body which sets a range in which a message transmitted from the communication apparatus reaches and which outputs control information in accordance with the set range, wherein the message is for searching for a device as a connection target by radio communication;

a controller, connected to the main body via a data interface section, which receives the first control information from the main body and which outputs second control information based on the received first control information;

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a transmission amplifier, connected to the controller, which amplifies the message based on the second control information and which transmits the amplified message to an antenna so as to transmit the message in accordance with the range set by the main body; and

an antenna control section, connected to the controller and the antenna, which controls an antenna directivity of the antenna based on the second control information output from the controller so as to transmit the message in accordance with the range set by the main body.

18. (original) A communication apparatus according to claim 17,

wherein the range set by the main body indicates a distance from the communication apparatus.

19. (original) A communication apparatus according to claim 17,

wherein the range set by the main body indicates a directivity of the message transmitted from the communication apparatus.

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20. (original) A communication apparatus according to claim 17,

wherein the controller has a table which stores the first control information output from the main body and the controller outputs the first control information to one of the transmission amplifier and antenna control is section.

21. (currently amended) A communication system having a first device and a second device for communicating with the first device through a wireless link, comprising:

the first device including;

a first outputting ~~means~~ section for outputting a message to a first range in which the second device and an external device are positioned,

a second outputting ~~means~~ section for outputting the message to a second range in which the second device is positioned, the external device positioning out of the second range, and

~~means for selecting~~ a section which selects one of the first outputting ~~means~~ section and the second outputting ~~means~~ section,

the second device including;

~~means for receiving~~ a section which receives the message, and

~~means for responding~~ a section which responds to the message from the first device so as to set the wireless link.

22. (original) A communication system according to claim 21,

wherein the second range represents a distance from the first device.

23. (original) A communication system according to claim 21,

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wherein the second range represents a directivity of the message transmitted from the first device.

24. (currently amended) A communication device for communicating with an external device through a wireless link, comprising:

a first outputting ~~means for outputting~~ section which outputs a message to a first range in relation to a position of the external device, the message being used to set the wireless link;

a second outputting ~~means for outputting~~ section which outputs the message to a second range different from the first range; and

~~means for selecting~~ a section which selects one of the first outputting ~~means~~ section and the second outputting ~~means~~ section.

25. (currently amended) A communication device according to claim 24,

wherein the first range represents a distance from the first device.

26. (original) A communication device according to claim 24,

wherein the first range represents a directivity of the message transmitted from the first device.

27. (original) A method for setting a wireless link between a first device and a second device, comprising the steps of:

determining one of a first range and a second range in relation to the position of the second device;

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outputting a message from the first device to one of the first range and second range determined;

receiving a response to the message, from the device; and

setting the wireless link on the basis of the response.

28. (original) A method according to claim 27,

wherein the first range represents a distance from the first device and the second range represents a directivity of the message transmitted from the first device.

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